

## **APPENDIX G**

### **Water Table Within 4 Feet of the Ground Surface**

**TABLE G-1**  
**Water Table Within 4 feet of the Ground Surface**

<b>From Milepost</b>	<b>To Milepost</b>	<b>Soil Unit</b>
<b>Cheshire Compressor Station<sup>a/</sup></b>		
0.1	0.1	RAYNHAM SILT LOAM, 0 PERCENT SLOPES
0.1	0.1	BELGRADE SILT LOAM, 0 TO 5 PERCENT SLOPES
<b>Connecticut - AGT Pipelines Retest and Anomaly Investigations</b>		
0.30	0.37	RAYNHAM SILT LOAM
0.37	0.55	BELGRADE SILT LOAM, 0 TO 5 PERCENT SLOPES
0.85	0.89	BASH SILT LOAM
0.94	0.98	UDORTHENTS-PITS COMPLEX, GRAVELLY
1.31	1.36	BASH SILT LOAM
1.36	1.47	UDORTHENTS-URBAN LAND COMPLEX
1.50	1.51	UDORTHENTS-URBAN LAND COMPLEX
1.60	1.76	AGAWAM-URBAN LAND COMPLEX, 0 TO 8 PERCENT SLOPES
1.81	1.93	BRANFORD- URBAN LAND COMPLEX, 0 TO 8 PERCENT SLOPES
1.93	2.23	UDORTHENTS-URBAN LAND COMPLEX
2.23	2.29	BELGRADE SILT LOAM, 0 TO 5 PERCENT SLOPES
2.46	2.54	LUDLOW SILT LOAM, 0 TO 5 PERCENT SLOPES, EXTREMELY STONY
2.87	2.91	RAYNHAM SILT LOAM
3.11	3.32	ELLINGTON SILT LOAM, 0 TO 5 PERCENT SLOPES
3.46	3.48	WILBRAHAM AND MENLO SOILS, EXTREMELY STONY
3.75	3.90	WILBRAHAM AND MENLO SOILS, EXTREMELY STONY
3.90	4.00	LUDLOW SILT LOAM, 0 TO 5 PERCENT SLOPES, VERY STONY
4.00	4.08	WILBRAHAM AND MENLO SOILS, EXTREMELY STONY
4.08	4.10	WETHERSFIELD LOAM, 3 TO 8 PERCENT SLOPES
4.10	4.20	WILBRAHAM AND MENLO SOILS, EXTREMELY STONY
4.20	4.34	LUDLOW SILT LOAM, 3 TO 8 PERCENT SLOPES
4.34	4.36	WILBRAHAM AND MENLO SOILS, EXTREMELY STONY
4.36	4.44	WETHERSFIELD LOAM, 3 TO 8 PERCENT SLOPES
4.44	4.46	WETHERSFIELD LOAM, 3 TO 8 PERCENT SLOPES
4.46	4.55	WETHERSFIELD LOAM, 3 TO 8 PERCENT SLOPES
4.55	4.59	LUDLOW SILT LOAM, 2 TO 15 PERCENT SLOPES, EXTREMELY STONY
4.59	4.60	WETHERSFIELD LOAM, 3 TO 8 PERCENT SLOPES
4.60	4.81	LUDLOW SILT LOAM, 2 TO 15 PERCENT SLOPES, EXTREMELY STONY
5.16	5.19	ELLINGTON SILT LOAM, 0 TO 5 PERCENT SLOPES
5.19	5.31	RIPPOWAM FINE SANDY LOAM
5.72	5.79	RIPPOWAM FINE SANDY LOAM
5.83	5.93	LUDLOW SILT LOAM, 2 TO 15 PERCENT SLOPES, EXTREMELY STONY
5.93	6.19	WILBRAHAM AND MENLO SOILS, EXTREMELY STONY

TABLE G-1 (continued)  
Water Table Within 4 feet of the Ground Surface

From Milepost	To Milepost	Soil Unit
6.19	6.47	WETHERSFIELD LOAM, 3 TO 8 PERCENT SLOPES
6.47	6.50	LUDLOW SILT LOAM, 3 TO 8 PERCENT SLOPES
6.50	6.56	WETHERSFIELD LOAM, 3 TO 8 PERCENT SLOPES
6.56	6.59	LUDLOW SILT LOAM, 3 TO 8 PERCENT SLOPES
6.59	6.62	WILBRAHAM AND MENLO SOILS, EXTREMELY STONY
6.62	6.62	LUDLOW SILT LOAM, 3 TO 8 PERCENT SLOPES
6.62	6.82	WETHERSFIELD LOAM, 3 TO 8 PERCENT SLOPES
6.82	6.88	WATCHAUG FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES
6.88	6.92	WETHERSFIELD LOAM, 3 TO 8 PERCENT SLOPES
6.92	6.95	WILBRAHAM SILT LOAM
6.95	7.05	WETHERSFIELD LOAM, 3 TO 8 PERCENT SLOPES
7.12	7.27	UDORTHENTS-URBAN LAND COMPLEX
7.27	7.30	WETHERSFIELD LOAM, 3 TO 8 PERCENT SLOPES
7.30	7.51	UDORTHENTS-URBAN LAND COMPLEX
7.51	7.58	WILBRAHAM AND MENLO SOILS, EXTREMELY STONY
7.92	8.01	WILBRAHAM AND MENLO SOILS, EXTREMELY STONY
8.15	8.38	UDORTHENTS-URBAN LAND COMPLEX
8.47	8.49	RIPPOWAM FINE SANDY LOAM
8.49	8.59	UDORTHENTS-URBAN LAND COMPLEX
8.59	8.77	RIPPOWAM FINE SANDY LOAM
8.77	8.79	WATER
8.79	8.84	RIPPOWAM FINE SANDY LOAM
8.84	8.86	DUMPS
8.92	8.98	POOTATUCK FINE SANDY LOAM
8.98	9.12	RIPPOWAM FINE SANDY LOAM
9.13	9.19	RIPPOWAM FINE SANDY LOAM
9.19	9.22	BASH SILT LOAM
9.22	9.25	POOTATUCK FINE SANDY LOAM
9.25	9.40	BASH SILT LOAM
9.49	9.54	RIPPOWAM FINE SANDY LOAM
9.69	9.73	WATER
9.73	9.95	POOTATUCK FINE SANDY LOAM
9.95	9.98	RIPPOWAM FINE SANDY LOAM
9.98	9.99	WATER
9.99	10.10	RIPPOWAM FINE SANDY LOAM
10.10	10.13	POOTATUCK FINE SANDY LOAM
10.13	10.18	RIPPOWAM FINE SANDY LOAM

**TABLE G-1 (continued)**  
**Water Table Within 4 feet of the Ground Surface**

<b>From Milepost</b>	<b>To Milepost</b>	<b>Soil Unit</b>
10.18	10.21	POOTATUCK FINE SANDY LOAM
10.21	10.78	BASH SILT LOAM
10.78	10.84	DEERFIELD LOAMY SAND, 0 TO 3 PERCENT SLOPES
10.84	11.27	BASH SILT LOAM
11.27	11.28	WATER
11.28	11.35	BASH SILT LOAM
11.35	11.36	WATER
11.36	11.40	POOTATUCK FINE SANDY LOAM
11.40	11.49	DEERFIELD LOAMY SAND, 0 TO 3 PERCENT SLOPES
11.49	11.60	SCARBORO MUCKY LOAMY SAND
11.73	11.87	URBAN LAND
11.87	11.99	UDORTHENTS-URBAN LAND COMPLEX
11.99	12.06	DEERFIELD LOAMY SAND, 0 TO 3 PERCENT SLOPES
12.10	12.12	DEERFIELD LOAMY SAND, 0 TO 3 PERCENT SLOPES
12.12	12.17	DEERFIELD -URBAN LAND COMPLEX, 0 TO 3 PERCENT SLOPES
12.17	12.24	DEERFIELD LOAMY SAND, 0 TO 3 PERCENT SLOPES
12.24	12.33	DEERFIELD -URBAN LAND COMPLEX, 0 TO 3 PERCENT SLOPES
12.33	12.34	DEERFIELD LOAMY SAND, 0 TO 3 PERCENT SLOPES
12.38	12.50	PENWOOD-URBAN LAND COMPLEX, 0 TO 8 PERCENT SLOPES
12.50	12.53	DEERFIELD LOAMY SAND, 0 TO 3 PERCENT SLOPES
12.53	12.57	WALPOLE SANDY LOAM
12.57	12.87	DEERFIELD LOAMY SAND, 0 TO 3 PERCENT SLOPES
12.87	13.02	DEERFIELD -URBAN LAND COMPLEX, 0 TO 3 PERCENT SLOPES
13.02	13.42	PENWOOD-URBAN LAND COMPLEX, 0 TO 8 PERCENT SLOPES
13.42	13.45	DEERFIELD -URBAN LAND COMPLEX, 0 TO 3 PERCENT SLOPES
13.45	13.49	PENWOOD-URBAN LAND COMPLEX, 0 TO 8 PERCENT SLOPES
13.49	13.54	DEERFIELD -URBAN LAND COMPLEX, 0 TO 3 PERCENT SLOPES
13.54	13.60	DEERFIELD LOAMY SAND, 0 TO 3 PERCENT SLOPES
13.60	13.63	WALPOLE SANDY LOAM
<b>Connecticut - Islander East Pipeline</b>		
0.00	0.01	PENWOOD-URBAN LAND COMPLEX, 0 TO 8 PERCENT SLOPES
0.01	0.03	WALPOLE SANDY LOAM
0.22	0.25	WATCHAUG FINE SANDY LOAM, 3 to 8 PERCENT SLOPES
0.53	0.59	RIPPOWAM FINE SANDY LOAM
0.94	1.02	WATCHAUG FINE SANDY LOAM, 3 to 8 PERCENT SLOPES
1.02	1.30	WILBRAHAM SILT LOAM
1.33	1.39	BELGRADE SILT LOAM, 0 TO 5 PERCENT SLOPES

TABLE G-1 (continued)  
Water Table Within 4 feet of the Ground Surface

From Milepost	To Milepost	Soil Unit
1.39	1.41	CARLISLE MUCK
1.62	1.66	SACO SILT LOAM
1.75	1.88	BASH SILT LOAM
2.02	2.13	WATER
2.69	2.70	BASH SILT LOAM
2.70	2.73	BASH SILT LOAM
2.73	2.77	WILBRAHAM AND MENLO SOILS, EXTREMELY STONY
3.02	3.21	SACO SILT LOAM
3.21	3.29	BASH SILT LOAM
3.29	3.30	WATER
3.30	3.38	BASH SILT LOAM
4.02	4.07	BASH SILT LOAM
4.13	4.19	WILBRAHAM AND MENLO SOILS, EXTREMELY STONY
4.19	4.24	WESTFIELD LOAM, 15 TO 35 PERCENT SLOPES, EXTREMELY STONY
4.24	4.25	UDORTHENTS-URBAN LAND COMPLEX
4.25	4.46	WILBRAHAM AND MENLO SOILS, EXTREMELY STONY
4.46	4.57	WESTFIELD LOAM, 3 TO 8 PERCENT SLOPES
4.57	4.65	WILBRAHAM AND MENLO SOILS, EXTREMELY STONY
4.65	4.73	WESTFIELD LOAM, 3 TO 8 PERCENT SLOPES, VERY STONY
4.73	4.76	WILBRAHAM AND MENLO SOILS, EXTREMELY STONY
4.76	4.79	ADRIAN AND PALMS SOILS
4.79	4.83	WILBRAHAM AND MENLO SOILS, EXTREMELY STONY
4.83	4.87	WESTFIELD LOAM, 3 TO 8 PERCENT SLOPES
4.87	4.94	WILBRAHAM AND MENLO SOILS, EXTREMELY STONY
4.94	5.04	ADRIAN AND PALMS SOILS
5.04	5.11	WILBRAHAM AND MENLO SOILS, EXTREMELY STONY
5.14	5.19	WILBRAHAM SILT LOAM
5.54	5.56	URBAN LAND
5.78	5.80	ADRIAN AND PALMS SOILS
5.80	5.93	CARLISLE MUCK
5.93	5.95	ADRIAN AND PALMS SOILS
5.95	6.02	WESTFIELD LOAM, 15 TO 35 PERCENT SLOPES
6.02	6.21	URBAN LAND
6.21	6.63	WILBRAHAM AND MENLO SOILS, EXTREMELY STONY
6.63	6.84	LUDLOW SILT LOAM, 2 TO 8 PERCENT SLOPES, VERY STONY
6.84	6.96	WILBRAHAM AND MENLO SOILS, EXTREMELY STONY
7.01	7.03	URBAN LAND

**TABLE G-1 (continued)**  
**Water Table Within 4 feet of the Ground Surface**

<b>From Milepost</b>	<b>To Milepost</b>	<b>Soil Unit</b>
7.03	7.08	CARLISLE MUCK
7.08	7.19	URBAN LAND
7.19	7.24	CARLISLE MUCK
7.24	7.49	URBAN LAND
7.57	7.81	BASH SILT LOAM
7.81	7.88	UDORTHENTS-URBAN LAND COMPLEX
7.88	8.12	URBAN LAND
8.12	8.41	ADRIAN AND PALMS SOILS
8.64	8.67	WESTFIELD LOAM, 3 TO 15 PERCENT SLOPES, EXTREMELY STONY
8.74	8.89	ADRIAN AND PALMS SOILS
8.89	8.95	SACO SILT LOAM
8.95	8.97	BELGRADE SILT LOAM, 0 TO 5 PERCENT SLOPES
9.25	9.31	RAYNHAM SILT LOAM
9.35	9.39	RAYNHAM SILT LOAM
9.57	9.67	WESTBROOK MUCKY PEAT
9.84	9.91	WESTBROOK MUCKY PEAT
<b>New York - Islander East Pipeline</b>		
42.78	42.80	WATER
43.13	43.27	MUCK
43.27	43.31	ATSION SAND
<b>New York - Calverton Lateral Pipeline</b>		
Based on the SSURGO query, none of the soils along the Calverton Lateral Pipeline have water tables within four feet of the ground surface.		
<sup>u</sup>	Based on a SSURGO query of the soils within the 61 acre Cheshire Compressor Station site, which includes the 48-acre area identified in Islander East's application and an additional 13 acres (formerly referred to as the Jehovah's Witnesses parcel) that has recently been optioned.	